

# Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



## 28020 Kremer Color Paste - Yellow, greenish, PY 129

Page 1

Revised edition: 15.11.2021

Version: 2

Printed: 22.12.2023

---

### 1. Identification of the Substance/Mixture and of the Company/Undertaking

#### 1.1. Product Identifier

*Product Name:* Kremer Color Paste - Yellow, greenish, PY 129  
*Article No.:* 28020  
*UFI:* --

#### 1.2. Relevant identified Uses of the Substance or Mixture and Uses advised against

*Identified uses:*  
Coloring component

*Uses advised against:*

#### 1.3. Details of the Supplier of the Safety Data Sheet (Producer/Importer)

*Company:* Kremer Pigmente GmbH & Co. KG  
*Address:* Hauptstr. 41-47, 88317 Aichstetten, Germany  
*Tel./Fax.:* Tel +49 7565 914480, Fax +49 7565 1606  
*Internet:* www.kremer-pigmente.com  
*E-Mail:* info@kremer-pigmente.com  
*Importer:* --

#### 1.4. Emergency No.

*Emergency No.:* +49 7565 914480 (Mon-Fri 8:00 - 17:00)

#### 1.4.2 Poison Center:

---

### 2. Hazards Identification

#### 2.1. Classification of the Substance or Mixture

*Classification according to Regulation (EC) No. 1272/2008 (CLP/GHS)*

*This product does not require classification and labelling as hazardous according to CLP/GHS.*

*Possible Environmental Effects:*

*See Section 12.*

#### 2.2. Label Elements

*Classification according to Regulation (EC) No. 1272/2008 (CLP/GHS)*

*No classification required according to the CLP/GHS guidelines.*

*Hazard designation:*

*Not applicable.*

*Signal word:*

*Hazard designation:*

*Safety designation:*

*Hazardous components for labelling:*

#### 2.3. Other Hazards

---

### 3. Composition/Information on Ingredients

next page: 2

# Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



## 28020 Kremer Color Paste - Yellow, greenish, PY 129

Page 2

Revised edition: 15.11.2021

Version: 2

Printed: 22.12.2023

---

### 3.1. Substance

### 3.2. Mixture

*Chemical Characterization:* Yellow pigment in aqueous dispersion - Pigment Yellow 129, C.I. 48042

*Information on Components / Hazardous Ingredients:*

[1-[[[2-Hydroxyphenyl]imino]methyl]-2-naphtholato (2-)-N,O,O']copper; REACH Reg. No. 01-2120100829-57-0000

CAS-Nr: 15680-42-9

EINECS-Nr: 239-763-1

EC-Nr:

---

*Additional information:*

---

## 4. First Aid Measures

### 4.1. Description of the First Aid Measures

*General information:*

*Remove contaminated clothes.*

*After inhalation:*

*Supply fresh air and seek medical advice in case of complaints.*

*After skin contact:*

*Remove contaminated clothing. Wash off immediately with plenty of water and soap.*

*After eye contact:*

*Rinse open eyes with plenty of water for at least 15 minutes.*

*After ingestion:*

*Rinse mouth with water and drink plenty of water.*

### 4.2. Most important Symptoms and Effects, both Acute and Delayed

*Symptoms:*

*No further information available.*

*Effects:*

*No further information available.*

### 4.3. Indication of any Immediate Medical Attention and special Treatment needed

*Treatment:*

*Treat symptomatically.*

---

## 5. Fire-Fighting Measures

### 5.1. Extinguishing Media

*Suitable extinguishing media:*

*Extinguishing powder, foam.*

*Unsuitable extinguishing media:*

*Carbon dioxide (CO<sub>2</sub>)*

### 5.2. Special Hazards arising from the Substance or Mixture

*Special hazards:*

*In case of fire: hazardous vapors may be released. Development*

*next page: 3*

# Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



## 28020 Kremer Color Paste - Yellow, greenish, PY 129

Page 3

Revised edition: 15.11.2021

Version: 2

Printed: 22.12.2023

*of fumes/aerosol.*

### 5.3. Advice for Firefighters

*Protective equipment:*

*Wear self-contained respiratory protective device.*

*Further information:*

*Dispose of fire debris and contaminated extinguishing water in accordance with local regulations.*

## 6. Accidental Release Measures

### 6.1. Personal Precautions, Protective Equipment and Emergency Procedures

*Personal precautions:*

*Avoid formation of dust, wear protective clothing.*

### 6.2. Environmental Precautions

*Environmental precautions:*

*Keep spills and cleaning runoff out of municipal sewers and open bodies of water.*

*Prevent contamination of soil, drains and surface waters.*

### 6.3. Methods and Material for Containment and Cleaning Up

*Methods and material:*

*Take up mechanically and collect in suitable containers for disposal.*

### 6.4. Reference to other Sections

## 7. Handling and Storage

### 7.1. Precautions for Safe Handling

*Instructions on safe handling:*

*Provide adequate ventilation.*

*Hygienic measures:*

*No further measures, see Section 8.*

### 7.2. Conditions for Safe Storage, including any Incompatibilities

*Storage conditions:*

*Store in tightly sealed containers in a dry and cool room.*

*Requirements for storage areas and containers:*

*Store the product in the original container.*

*Information on fire and explosion protection:*

*Avoid dust formation.*

*Storage class:*

*10-13 (TRSG 510)*

*Further Information:*

### 7.3. Specific End Use(s)

*Further information:*

*See Section 1.2.; no other uses provided*

next page: 4

# Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



## 28020 Kremer Color Paste - Yellow, greenish, PY 129

Page 4

Revised edition: 15.11.2021

Version: 2

Printed: 22.12.2023

### 8. Exposure Controls/Personal Protection

#### 8.1. Parameters to be Controlled

*Parameters to be controlled (DE):*

*none known*

*Parameters to be controlled:*

*Derived No-Effect Level (DNEL):*

*[1-[[[(2-Hydroxyphenyl)imino]methyl]-2-naphtholato(2-)-N,O,O'] copper:*

*2.35 mg/m<sup>3</sup> (worker, inhalation, long-term exposure - systemic effects)*

*3.3 mg/kg (worker, skin contact, long-term exposure - systemic effects)*

*0.58 mg/m<sup>3</sup> (consumer, inhalation, long-term exposure - systemic effects)*

*0.58 mg/m<sup>3</sup> (consumer, inhalation, long-term exposure - systemic effects)*

*1.7 mg/kg (consumer, skin contact, long-term exposure - systemic effects)*

*0.17 mg/kg bw/d (consumer, swallowing, long-term exposition - systemic effects)*

*Predicted No-Effect Concentration (PNEC):*

*[1-[[[(2-Hydroxyphenyl)imino]methyl]-2-naphtholato(2-)-N,O,O'] copper:*

*Fresh water: 0.015 mg/l*

*Seawater: 0.0015 mg/l*

*Fresh water sediment: 0.181 mg/kg*

*Sea water sediment: 0.0181 mg/kg*

*Sewage treatment system (STP): 100 mg/l*

*Intermittent release: 0.155 mg/l*

*Soil: 0.0271 mg/kg*

*Additional Information:*

#### 8.2. Exposure Controls

*Technical protective measures:*

*Provide adequate ventilation.*

*Personal Protection*

*General protective measures:*

*Keep away from foodstuffs and drinks. Do not eat, drink or smoke during work. Wash hands before breaks and at the end of work.*

*Respiratory protection:*

*Suitable respiratory protection for lower concentration or short-term effect: particle filter with medium efficiency for solid and liquid particles (e.g. EN 143 or 149, type P2 or FFP2).*

*Hand protection:*

*Chemical protective gloves (EN 374 (Europe), F739 (US)).*

*The manufacturer's directions for use should be observed*

next page: 5

# Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



## 28020 Kremer Color Paste - Yellow, greenish, PY 129

Page 5

Revised edition: 15.11.2021

Version: 2

Printed: 22.12.2023

---

*because of the great diversity of types.*

*Protective glove material:*

*Recommended: Protective index 6, corresponding > 480 min. of permeation time according to EN 374.*

*Nitrile rubber (0.4 mm), chloroprene rubber (0.5 mm), polyvinyl chloride (0.7 mm).*

*Eye protection:*

*Safety glasses with protective shields (EN 166).*

*Body protection:*

*Environmental precautions:*

*Do not allow entering sewerage system.*

---

## 9. Physical and Chemical Properties

### 9.1. Information on Basic Physical and Chemical Properties

*Form:* liquid

*Color:* yellowish-green

*Odor:* mild

*Odor threshold:*  
no information available

*pH-Value:* ca. 7

*Melting temperature:* > 300°C (Pigment)

*Boiling temperature:*  
not applicable

*Flash point:*  
not applicable

*Evaporation rate:*  
This product is a non-volatile solid.

*Flammability (solid, gas):* > 500°C (Pigment)

*Upper explosion limit:*  
no information available

*Lower explosion limit:*  
no information available

*Vapor pressure:*  
not applicable

*Vapor density:*  
No information available.

*Density:*

*Solubility in water:* miscible

*Coefficient of variation (n-Octanol/Water):*  
not applicable

# Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



## 28020 Kremer Color Paste - Yellow, greenish, PY 129

Page 6

Revised edition: 15.11.2021

Version: 2

Printed: 22.12.2023

---

*Auto-ignition temperature:*

*Product is not auto-ignitable (Test type: Spontaneous self-ignition at room temperature)*

*Decomposition temperature:*

*195°C, 30 kJ/kg (Pigment)  
(DSC (DIN 51007))*

*Viscosity, dynamic:*

*not applicable*

*Explosive properties:*

*Product does not present an explosion hazard.*

*Oxidizing properties:*

*not oxidizing*

*Bulk density:*

### 9.2. Further Information

*Solubility in solvents:*

*Viscosity, kinematic:*

*Burning class:*

*Solvent content:*

*Solid content:*

*Particle size:*

*Other information:*

---

## 10. Stability and Reactivity

### 10.1. Reactivity

*Stable if used according to specifications.*

### 10.2. Chemical Stability

*Stable if used according to specifications.*

### 10.3. Possibility of Hazardous Reactions

*None if handled and stored according to specifications.*

### 10.4. Conditions to Avoid

*Conditions to avoid:*

*Avoid heat.*

*Thermal decomposition:*

*No data available.*

### 10.5. Incompatible Materials

*No information available.*

### 10.6. Hazardous Decomposition Products

*None if stored and handled according to specifications.*

### 10.7. Further Information

*Corrosion of metals: not corrosive.*

---

## 11. Toxicological Information

### 11.1. Information on Hazard Classes as defined in Regulation (EC) No. 1272/2008

next page: 7

# Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



## 28020 Kremer Color Paste - Yellow, greenish, PY 129

Page 7

Revised edition: 15.11.2021

Version: 2

Printed: 22.12.2023

---

### *Acute Toxicity*

*LD50, oral:* > 5000 mg/kg (rat; OECD 401)

*LD50, dermal:*  
not determined

*LC50, inhalation:* 1-5 mg/l (4h; OECD 403)

### *Primary effects*

*Irritant effect on skin:*  
Non irritating (rabbit)

*Irritant effect on eyes:*  
Non-irritating to eyes (rabbit; OECD 405)

*Inhalation:*  
No information available.

*Ingestion:*  
No information available

*Sensitization:*  
Non sensitizing (guinea pig; OECD 406).

*Mutagenicity:*  
Product does not show a mutagenic effect in a test with bacteria.

*Reproductive toxicity:*  
Did not show any teratogenic effects in animal studies (OECD 421/422).

*Carcinogenicity:*  
No relevant data found.

*Teratogenicity:*  
No indications of a teratogenic effect were seen in animal studies (OECD 421/422).

*Specific target organ toxicity (STOT):*  
Single exposure: no organospecific toxicity expected.  
Repeated exposure: may cause damage to the liver after repeated or prolonged exposure (swallowing).

*Aspiration hazard:*  
No risk of aspiration.

### 11. 2. Information on other Hazards

No further information available.

---

## 12. Ecological Information

### 12. 1. Aquatic Toxicity

Acutely harmful for aquatic organisms. Based on long-term (chronic) toxicity study data, the product is very likely not harmful to aquatic organisms.

*Fish toxicity:*  
LC50: > 100 mg/l (96h, Danio rerio; OECD 203)

*Daphnia toxicity:*

next page: 8

# Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



## 28020 Kremer Color Paste - Yellow, greenish, PY 129

Page 8

Revised edition: 15.11.2021

Version: 2

Printed: 22.12.2023

---

*EC50: > 100 mg/l (48h, Daphnia magna; OECD 202)*

*Bacteria toxicity:*

*EC20: > 1000 mg/l (3h, active sludge; OECD 209)*

*Algae toxicity:*

*EC50: 15 mg/l (72h, Pseudokirchneriella subcapitata; OECD 201)*

*EC10: 6 mg/l (72h, Pseudokirchneriella subcapitata; OECD 201)*

### 12.2. Persistency and Degradability

*Not readily biodegradable.*

### 12.3. Bioaccumulation

*Bioaccumulation is not to be expected.*

### 12.4. Mobility

*Adsorption to solid soil phase is not expected.*

### 12.5. Results of PBT- und vPvP Assessment

*According to Annex VIII to Regulation (EC) No. 1907/2006 (REACH): this product is neither a PBT (persistent/bioaccumulative/toxic) or vPvB (very persistent/very bioaccumulative/very toxic) substance nor does it contain a PBT or vPvB substance.*

### 12.6. Endocrine Disrupting Properties

*Not listed.*

### 12.7. Other Adverse Effects

*Water hazard class:*

*1, slightly hazardous*

*Behaviour in sewage systems:*

*Treatment in biological waste treatment plant has to be performed according to local and administrative regulations.*

*Further ecological effects:*

*Do not discharge product uncontrolled into the environment.*

*AOX Value:*

---

## 13. Disposal Considerations

### 13.1. Waste Treatment Methods

*Product:*

*In accordance with current regulations, product may be taken to an incineration plant.*

*European Waste Code (EWC):*

*Uncleaned packaging:*

*Contaminated packaging must be disposed like the substance. Non-contaminated packaging may be recycled.*

*Waste Code No.:*

---

## 14. Transport Information

### 14.1. UN Number

*ADR, IMDG, IATA*

next page: 9

# Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



## 28020 Kremer Color Paste - Yellow, greenish, PY 129

Page 9

Revised edition: 15.11.2021

Version: 2

Printed: 22.12.2023

---

### 14.2. UN Proper Shipping Name

ADR/RID:

*No hazardous goods according to ADR / DOT (US) (land transportation).*

IMDG/IATA:

*Not hazardous goods*

### 14.3. Transport Hazard Classes

ADR Class:

*not applicable*

Hazard no.:

Classification code:

Tunnel restriction code:

IMDG Class (sea):

*not applicable*

Hazard no.:

EmS No.:

IATA Class:

*not applicable*

Hazard no.:

### 14.4. Packaging Group

ADR/RID:

*not applicable*

IMDG:

IATA:

### 14.5. Environmental Hazards

*None*

### 14.6. Special Precautions for User

*not applicable*

### 14.7. Maritime Transport in Bulk according to IMO Instruments

*not evaluated*

### 14.8. Further Information

*Not classified as a dangerous good under transport regulations.*

---

## 15. Regulatory Information

### 15.1. Safety, Health and Environmental Regulations/Legislation specific for the Substance or Mixture

Water hazard class:

*1, slightly hazardous for water (German Regulation)*

Local regulations on chemical accidents:

Employment restrictions:

Restriction and prohibition of application:

next page: 10

# Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



## 28020 Kremer Color Paste - Yellow, greenish, PY 129

Page 10

Revised edition: 15.11.2021

Version: 2

Printed: 22.12.2023

---

*EC. REACH, Section XVII, Restrictions on the Manufacture, Placing on the Market and Use of Certain Dangerous Substances, Preparations and Articles: not applicable*

*Technical instructions on air quality:*

### 15. 2. Chemical Safety Assessment

*A Chemical Safety Assessment has been carried out for the component substances contained in this product.*

### 15. 3. Further Information

*EC. REACH, Annex XIV, Candidate List of Substances of very High Concern (SVHC): not regulated / not applicable*

---

### 16. Other Information

*This product should be stored, handled and used in accordance with good hygiene practices and in conformity with any legal regulations. This information contained herein is based on the present state of knowledge and is intended to describe our product from the point of view of safety requirements. It should be therefore not be construed as guaranteeing specific properties.*